

Christophe Pecheyran

List of Publications by Year in descending order

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116
papers

3,015
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147801

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all docs

121
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121
times ranked

2799
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#	ARTICLE	IF	CITATIONS
1	Scallop shells as geochemical archives of phytoplankton-related ecological processes in a temperate coastal ecosystem. <i>Limnology and Oceanography</i> , 2022, 67, 187-202.	3.1	6
2	Isotopic Imaging Using fsLA Single-Collector ICP-SFMS for Direct U/Th Dating of Small Archaeological Carbonates. <i>Analytical Chemistry</i> , 2022, 94, 3046-3055.	6.5	5
3	Isotope imaging of ultra-traces by LA-fs HR-ICP-MS for U-series dating (U/Th) of archaeological biominerals: how far can we go?. <i>Journal of Physics: Conference Series</i> , 2022, 2204, 012017.	0.4	0
4	Microscale chemical and physical patterns in an interface of hydrothermal dolomitization reveals the governing transport mechanisms in nature: Case of the Layens anticline, Pyrenees, France. <i>Sedimentology</i> , 2021, 68, 834-854.	3.1	10
5	Determination of Cu in blood via direct analysis of dried blood spots using high-resolution continuum source graphite furnace atomic absorption spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2021, 36, 1666-1677.	3.0	6
6	Laser ablation of microdroplets for copper isotopic analysis via MC-ICP-MS. Analysis of serum microsamples for the diagnosis and follow-up treatment of Wilson's disease. <i>Journal of Analytical Atomic Spectrometry</i> , 2021, 36, 968-980.	3.0	13
7	Direct U-Pb dating of carbonates from micron-scale femtosecond laser ablation inductively coupled plasma mass spectrometry images using robust regression. <i>Geochronology</i> , 2021, 3, 67-87.	2.5	15
8	Otolith chemical fingerprints of skipjack tuna (<i>Katsuwonus pelamis</i>) in the Indian Ocean: First insights into stock structure delineation. <i>PLoS ONE</i> , 2021, 16, e0249327.	2.5	5
9	Middle Pleistocene <i>Homo</i> behavior and culture at 140,000 to 120,000 years ago and interactions with <i>Homo sapiens</i> . <i>Science</i> , 2021, 372, 1429-1433.	12.6	14
10	Spawning areas and migration patterns in the early life history of <i>Squalius cephalus</i> (Linnaeus.) <i>Journal of Applied Ichthyology and Conservation: Marine and Freshwater Ecosystems</i> , 2021, 31, 2772-2787.	2.0	9
11	Dating folding beyond folding, from layer-parallel shortening to fold tightening, using mesostructures: lessons from the Apennines, Pyrenees, and Rocky Mountains. <i>Solid Earth</i> , 2021, 12, 2145-2157.	2.8	15
12	Discrimination of yellowfin tuna <i>Thunnus albacares</i> between nursery areas in the Indian Ocean using otolith chemistry. <i>Marine Ecology - Progress Series</i> , 2021, 673, 165-181.	1.9	5
13	Time-absorbance profile ratio background correction: introducing TAP to correct for spectral overlap in high-resolution continuum source graphite furnace atomic absorption spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2021, 36, 2370-2382.	3.0	6
14	Evaluation of electrothermal vaporization for sample introduction aiming at Cu isotopic analysis via multicollector-inductively coupled plasma mass spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2021, 185, 106306.	2.9	2
15	1980s population-specific compositions of two related anadromous shad species during the oceanic phase determined by microchemistry of archived otoliths. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2020, 77, 164-176.	1.4	12
16	Detection of full and limited amphidromous migratory dynamics of fish in Caribbean rivers. <i>Ecology of Freshwater Fish</i> , 2020, 29, 132-144.	1.4	4
17	Direct non-invasive molecular analysis of packaging label to assist wine-bottle authentication. <i>Microchemical Journal</i> , 2020, 154, 104564.	4.5	3
18	Unmasking continental natal homing in goliath catfish from the upper Amazon. <i>Freshwater Biology</i> , 2020, 65, 325-336.	2.4	20

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19	Strontium isotopes ($^{87}\text{Sr}/^{86}\text{Sr}$) reveal the life history of freshwater migratory fishes in the La Plata Basin. <i>River Research and Applications</i> , 2020, 36, 1985-2000.	1.7	13
20	Ancient armour provenance by LA-ICP-MS analysis of microscopic slag inclusions. <i>Journal of Analytical Atomic Spectrometry</i> , 2020, 35, 2582-2593.	3.0	11
21	Does trace element composition of bivalve shells record ultra-high frequency environmental variations?. <i>Marine Environmental Research</i> , 2020, 158, 104943.	2.5	11
22	Imaging Differential Mercury Species Bioaccumulation in Glass Eels Using Isotopic Tracers and Laser Ablation Inductively Coupled Plasma Mass Spectrometry. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 2463.	2.5	5
23	Regional-scale paleofluid system across the Tuscan Nappe "Umbria" Marche Apennine Ridge (northern) Tj ETQq1 1 0.784314 rgBT (C Earth, 2020, 11, 1617-1641.	2.8	23
24	Differential uses of coral reef habitats by a poorly known cryptic fish predator. <i>Journal of Fish Biology</i> , 2019, 94, 53-61.	1.6	1
25	Commercial traceability of <i>Arapaima</i> spp. fisheries in the Amazon basin: can biogeochemical tags be useful?. <i>Biogeosciences</i> , 2019, 16, 1781-1797.	3.3	13
26	Shedding light on the migratory patterns of the Amazonian goliath catfish, <i>Brachyplatystoma platynemum</i> , using otolith $^{87}\text{Sr}/^{86}\text{Sr}$ analyses. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2019, 29, 397-408.	2.0	13
27	In vivo bioconcentration of a metal mixture by <i>Danio rerio</i> eleutheroembryos. <i>Chemosphere</i> , 2018, 196, 87-94.	8.2	3
28	Site fidelity and movements of an amphidromous goby revealed by otolith multi-elemental signatures along a tropical watershed. <i>Ecology of Freshwater Fish</i> , 2018, 27, 834-846.	1.4	16
29	Quantifying exchanges of Allis shads between river catchments by combining otolith microchemistry and abundance indices in a Bayesian model. <i>ICES Journal of Marine Science</i> , 2018, 75, 9-21.	2.5	11
30	Otolith fingerprints as natural tags to identify juvenile fish life in ports. <i>Estuarine, Coastal and Shelf Science</i> , 2018, 212, 210-218.	2.1	20
31	Specific gravity and migratory patterns of amphidromous gobioid fish from Okinawa Island, Japan. <i>Journal of Experimental Marine Biology and Ecology</i> , 2017, 486, 160-169.	1.5	11
32	Synthesis of amino-functionalized silica nanoparticles for preparation of new laboratory standards. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2017, 138, 1-7.	2.9	9
33	Direct Online Determination of Laser-Induced Particle Size Distribution by ICPMS. <i>Analytical Chemistry</i> , 2017, 89, 8791-8799.	6.5	6
34	Determination of the isotopic composition of micrometric uranium particles by UV femtosecond laser ablation coupled with sector-field single-collector ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2017, 32, 96-106.	3.0	18
35	Photocatalytic air purifiers for indoor air: European standard and pilot room experiments. <i>Environmental Science and Pollution Research</i> , 2017, 24, 12538-12546.	5.3	11
36	Trans-Amazonian natal homing in giant catfish. <i>Journal of Applied Ecology</i> , 2016, 53, 1511-1520.	4.0	67

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37	Can analysis of <i>Platichthys flesus</i> otoliths provide relevant data on historical metal pollution in estuaries? Experimental and in situ approaches. <i>Science of the Total Environment</i> , 2016, 557-558, 20-30.	8.0	21
38	Improving Precision and Accuracy of Isotope Ratios from Short Transient Laser Ablation-Multicollector-Inductively Coupled Plasma Mass Spectrometry Signals: Application to Micrometer-Size Uranium Particles. <i>Analytical Chemistry</i> , 2016, 88, 4375-4382.	6.5	22
39	Dosimetric study of sediments at the beta dose rate scale: Characterization and modelization with the DosiVox software. <i>Radiation Measurements</i> , 2015, 81, 134-141.	1.4	27
40	Life history of the Small Sandeel, <i>Ammodytes tobianus</i> , inferred from otolith microchemistry. A methodological approach. <i>Estuarine, Coastal and Shelf Science</i> , 2015, 165, 237-246.	2.1	14
41	How to qualify LGT crystal for acoustic devices?. , 2015, , .		1
42	Efficiency and harmfulness of air-purifying photocatalytic commercial devices: From standardized chamber tests to nanoparticles release. <i>Catalysis Today</i> , 2015, 252, 35-40.	4.4	20
43	Direct analysis of dried blood spots by femtosecond-laser ablation-inductively coupled plasma-mass spectrometry. Feasibility of split-flow laser ablation for simultaneous trace element and isotopic analysis. <i>Journal of Analytical Atomic Spectrometry</i> , 2015, 30, 296-309.	3.0	43
44	Dispersal capacities of anadromous Allis shad population inferred from a coupled genetic and otolith approach. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2015, 72, 991-1003.	1.4	33
45	Determination of relative rare earth element distributions in very small quantities of uranium ore concentrates using femtosecond UV laser ablation α SF-ICP-MS coupling. <i>Journal of Analytical Atomic Spectrometry</i> , 2015, 30, 2420-2428.	3.0	15
46	The Great Melting Pot. Common Sole Population Connectivity Assessed by Otolith and Water Fingerprints. <i>PLoS ONE</i> , 2014, 9, e86585.	2.5	19
47	Method for isotope ratio drift correction by internal amplifier signal synchronization in MC-ICPMS transient signals. <i>Journal of Analytical Atomic Spectrometry</i> , 2014, 29, 1607-1617.	3.0	30
48	Offshore \leftrightarrow onshore linkages in the larval life history of sole in the Gulf of Lions (NW-Mediterranean). <i>Estuarine, Coastal and Shelf Science</i> , 2014, 149, 194-202.	2.1	9
49	Measurement of the isotopic composition of uranium micrometer-size particles by femtosecond laser ablation-inductively coupled plasma mass spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2014, 93, 52-60.	2.9	27
50	Towards silicon speciation in light petroleum products using gas chromatography coupled to inductively coupled plasma mass spectrometry equipped with a dynamic reaction cell. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2014, 97, 49-56.	2.9	21
51	Amphidromy and marine larval phase of ancestral gobioids <i>Rhyacichthys guilberti</i> and <i>Protogobius attiti</i> (Teleostei: Rhyacichthyidae). <i>Marine and Freshwater Research</i> , 2014, 65, 776.	1.3	8
52	New LGT crystal for ultra-stable resonators. , 2014, , .		3
53	Persistence of a southern Atlantic salmon population: diversity of natal origins from otolith elemental and Sr isotopic signatures. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2013, 70, 182-197.	1.4	28
54	Direct determination of Cu isotope ratios in dried urine spots by means of fs-LA-MC-ICPMS. Potential to diagnose Wilson's disease. <i>Journal of Analytical Atomic Spectrometry</i> , 2013, 28, 98-106.	3.0	54

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55	Spatial and temporal variations in otolith chemistry and relationships with water chemistry: a useful tool to distinguish Atlantic salmon (<i>Salmo salar</i>) parr from different natal streams. <i>Journal of Fish Biology</i> , 2013, 82, 1556-1581.	1.6	43
56	Different approaches of crude oil mineralisation for trace metal analysis by ICPMS. <i>Microchemical Journal</i> , 2013, 106, 250-254.	4.5	21
57	Plasticity of European flounder life history patterns discloses alternatives to catadromy. <i>Marine Ecology - Progress Series</i> , 2012, 465, 267-280.	1.9	29
58	Diadromous life cycle and behavioural plasticity in freshwater and estuarine Kuhlidae species (Teleostei) revealed by otolith microchemistry. <i>Aquatic Biology</i> , 2012, 15, 195-204.	1.4	17
59	Detection of selenoproteins in human cell extracts by laser ablation-ICP MS after separation by polyacrylamide gel electrophoresis and blotting. <i>Journal of Analytical Atomic Spectrometry</i> , 2012, 27, 25-32.	3.0	17
60	Accumulation of Mn, Co, Zn, Rb, Cd, Sn, Ba, Sr, and Pb in the otoliths and tissues of eel (<i>Anguilla</i>). <i>Environment</i> , 2012, 437, 323-330.	8.0	12
61	Fast and Precise Method for Pb Isotope Ratio Determination in Complex Matrices using GC-MC-ICPMS: Application to Crude Oil, Kerogen, and Asphaltene Samples. <i>Analytical Chemistry</i> , 2012, 84, 7874-7880.	6.5	13
62	A fit-for purpose procedure for lead isotopic ratio determination in crude oil, asphaltene and kerogen samples by MC-ICPMS. <i>Journal of Analytical Atomic Spectrometry</i> , 2012, 27, 1447.	3.0	18
63	Species-specific stable isotope analysis by the hyphenation of chromatographic techniques with MC-ICPMS. <i>Mass Spectrometry Reviews</i> , 2012, 31, 504-521.	5.4	33
64	Specific pathways for the incorporation of dissolved barium and molybdenum into the bivalve shell: An isotopic tracer approach in the juvenile Great Scallop (<i>Pecten maximus</i>). <i>Marine Environmental Research</i> , 2012, 78, 15-25.	2.5	21
65	Development of matrix-matching hydroxyapatite calibration standards for quantitative multi-element LA-ICP-MS analysis: application to the dorsal spine of fish. <i>Journal of Analytical Atomic Spectrometry</i> , 2011, 26, 1421.	3.0	25
66	Bioinspired Material Based on Femtosecond Laser Machining of Cast Sheet Micromolding as a Pattern Transfer Process. <i>Langmuir</i> , 2011, 27, 3174-3179.	3.5	7
67	Coupling genetic and otolith trace element analyses to identify river-born fish with hatchery pedigrees in stocked Atlantic salmon (<i>Salmo salar</i>) populations. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2011, 68, 977-987.	1.4	19
68	Colonisation tactics of three temperate catadromous species, eel (<i>Anguilla anguilla</i>), mullet (<i>Liza ramada</i>) and flounder (<i>Plathychtys flesus</i>) revealed by Bayesian multielemental otolith microchemistry approach. <i>Ecology of Freshwater Fish</i> , 2011, 20, 42-51.	1.4	37
69	Evidence of diadromy in the French Polynesian <i>Kuhlia</i> (Teleostei: Percoidei) inferred from otolith microchemistry analysis. <i>Ecology of Freshwater Fish</i> , 2011, 20, 636-645.	1.4	12
70	Femtosecond laser ablation ICP-MS measurement of otolith Sr:Ca and Ba:Ca composition reveal differential use of freshwater habitats for three amphidromous <i>Sicyopterus</i> (Teleostei). <i>Ecology of Freshwater Fish</i> , 2011, 20, 109-117.	1.4	13
71	Direct analysis of trace elements in crude oils by high-repetition-rate femtosecond laser ablation coupled to ICPMS detection. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 399, 2153-2165.	3.7	27
72	Otolith microchemistry in <i>Sicydium punctatum</i> : indices of environmental condition changes after recruitment. <i>Aquatic Living Resources</i> , 2011, 24, 369-378.	1.2	25

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73	An otolith microchemistry study of possible relationships between the origins of leptocephali of European eels in the Sargasso Sea and the continental destinations and relative migration success of glass eels. <i>Ecology of Freshwater Fish</i> , 2010, 19, 627-637.	1.4	11
74	Spring molybdenum enrichment in scallop shells: a potential tracer of diatom productivity in temperate coastal environments (Brittany, NW France). <i>Biogeosciences</i> , 2010, 7, 233-245.	3.3	15
75	Approach to Measure Isotopic Ratios in Species Using Multicollector-ICPMS Coupled with Chromatography. <i>Analytical Chemistry</i> , 2010, 82, 5652-5662.	6.5	76
76	Simultaneous use of strontium:calcium and barium:calcium ratios in otoliths as markers of habitat: Application to the European eel (<i>Anguilla anguilla</i>) in the Adour basin, South West France. <i>Marine Environmental Research</i> , 2010, 70, 35-45.	2.5	125
77	High frequency Barium profiles in shells of the Great Scallop <i>Pecten maximus</i>; a methodical long-term and multi-site survey in Western Europe. <i>Biogeosciences</i> , 2009, 6, 157-170.	3.3	33
78	Characterization of the aerosol produced by infrared femtosecond laser ablation of polyacrylamide gels for the sensitive inductively coupled plasma mass spectrometry detection of selenoproteins. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2009, 64, 649-658.	2.9	15
79	A novel microelectrode array combining screen-printing and femtosecond laser ablation technologies: Development, characterization and application to cadmium detection. <i>Sensors and Actuators B: Chemical</i> , 2009, 143, 158-163.	7.8	40
80	The effect of glow discharge sputtering on the analysis of metal oxide films. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2009, 64, 155-166.	2.9	22
81	Elemental fractionation effects in high repetition rate IR femtosecond laser ablation ICP-MS analysis of glasses. <i>Journal of Analytical Atomic Spectrometry</i> , 2009, 24, 891.	3.0	50
82	Barium and molybdenum records in bivalve shells: Geochemical proxies for phytoplankton dynamics in coastal environments?. <i>Limnology and Oceanography</i> , 2009, 54, 1002-1014.	3.1	97
83	New volatile selenium and tellurium species in fermentation gases produced by composting duck manure. <i>Atmospheric Environment</i> , 2008, 42, 7786-7794.	4.1	26
84	Solid-spiking isotope dilution laser ablation ICP-MS for the direct and simultaneous determination of trace elements in soils and sediments. <i>Journal of Analytical Atomic Spectrometry</i> , 2008, 23, 367-377.	3.0	43
85	High-Frequency Archives of Manganese Inputs To Coastal Waters (Bay of Seine, France) Resolved by the LA-ICP-MS Analysis of Calcitic Growth Layers along Scallop Shells (<i>Pecten maximus</i>). <i>Environmental Science & Technology</i> , 2008, 42, 86-92.	10.0	33
86	Direct Determination of Trace Elements in Powdered Samples by In-Cell Isotope Dilution Femtosecond Laser Ablation ICPMS. <i>Analytical Chemistry</i> , 2008, 80, 6981-6994.	6.5	47
87	Compact, high performance femtosecond laser ablation system for trace element analysis. , 2007, , .		0
88	Compact, high performance femtosecond laser ablation system for trace element analysis. , 2007, , .		0
89	Trace Metal Analysis in Petroleum Products: Sample Introduction Evaluation in ICP-OES and Comparison with an ICP-MS Approach. <i>Oil and Gas Science and Technology</i> , 2007, 62, 69-77.	1.4	48
90	Determination of lead isotope ratios in crude oils with Q-ICP/MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2007, 22, 351-360.	3.0	30

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91	Sensitive Detection of Selenoproteins in Gel Electrophoresis by High Repetition Rate Femtosecond Laser Ablation-Inductively Coupled Plasma Mass Spectrometry. <i>Analytical Chemistry</i> , 2007, 79, 6874-6880.	6.5	56
92	High repetition rate and low energy femtosecond laser ablation coupled to ICPMS detection: a new analytical approach for trace element determination in solid samples. <i>Journal of Physics: Conference Series</i> , 2007, 59, 112-117.	0.4	15
93	Multimode detection (LA-ICP-MS, MALDI-MS and nanoHPLC-ESI-MS2) in 1D and 2D gel electrophoresis for selenium-containing proteins. <i>TrAC - Trends in Analytical Chemistry</i> , 2007, 26, 183-190.	11.4	35
94	Direct analysis of solid samples by fs-LA-ICP-MS. <i>TrAC - Trends in Analytical Chemistry</i> , 2007, 26, 951-966.	11.4	181
95	Matrix-matched quantitative analysis of trace-elements in calcium carbonate shells by laser-ablation ICP-MS: application to the determination of daily scale profiles in scallop shell (<i>Pecten maximus</i>). <i>Analytical and Bioanalytical Chemistry</i> , 2007, 387, 1131-1140.	3.7	67
96	Collision Cell ICP-MS as Tool for the Determination of Palladium. , 2006, , 111-118.		1
97	New approach of solid-phase microextraction improving the extraction yield of butyl and phenyltin compounds by combining the effects of pressure and type of agitation. <i>Journal of Chromatography A</i> , 2005, 1072, 19-27.	3.7	38
98	Biosynthesis, purification and analysis of selenomethionyl calmodulin by gel electrophoresis-laser ablation-ICP-MS and capillary HPLC-ICP-MS peptide mapping following in-gel tryptic digestion. <i>Journal of Analytical Atomic Spectrometry</i> , 2005, 20, 493.	3.0	34
99	Nickel and vanadium contamination of benthic invertebrates following the "Erika" wreck. <i>Aquatic Living Resources</i> , 2004, 17, 273-280.	1.2	38
100	Precise isotope-ratio determination by CGC hyphenated to ICP-MS for speciation of trace amounts of gaseous sulfur, with SF6 as example compound. <i>Analytical and Bioanalytical Chemistry</i> , 2004, 378, 250-255.	3.7	38
101	Partitioning of Metal Species during an Enriched Fuel Combustion Experiment. <i>Speciation in the Gaseous and Particulate Phases. Environmental Science & Technology</i> , 2004, 38, 2252-2263.	10.0	37
102	Validation, using a chemometric approach, of gas chromatography-inductively coupled plasma-atomic emission spectrometry (GC-ICP-AES) for organotin determination. <i>Analytical and Bioanalytical Chemistry</i> , 2003, 376, 226-235.	3.7	19
103	Cryogenic trapping for speciation analysis. <i>Comprehensive Analytical Chemistry</i> , 2003, 41, 495-531.	1.3	3
104	Phosphine emission measurements from a tobacco factory using cryogenic sampling and GC-ICP-MS analysis. <i>Journal of Analytical Atomic Spectrometry</i> , 2003, 18, 323-329.	3.0	7
105	Biogeochemical cycle and speciation of As and Cr in an acid mine environment : The case of Carnoul's Creek, France. <i>European Physical Journal Special Topics</i> , 2003, 107, 735-738.	0.2	5
106	Volatile Metal Species in Coal Combustion Flue Gas. <i>Environmental Science & Technology</i> , 2002, 36, 1561-1573.	10.0	71
107	Optimisation of the hyphenation between solid-phase microextraction, capillary gas chromatography and inductively coupled plasma atomic emission spectrometry for the routine speciation of organotin compounds in the environment. <i>Journal of Analytical Atomic Spectrometry</i> , 2001, 16, 1429-1433.	3.0	41
108	Precise isotope-ratio measurements of lead species by capillary gas chromatography hyphenated to hexapole Multicollector ICP-MS. <i>Fresenius' Journal of Analytical Chemistry</i> , 2001, 370, 573-580.	1.5	41

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109	Isotopic precision for a lead species (PbEt ₄) using capillary gas chromatography coupled to inductively coupled plasma-multicollector mass spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2001, 56, 1233-1240.	2.9	41
110	Formation of volatile selenium species in synthetic seawater under light and dark experimental conditions. <i>Applied Organometallic Chemistry</i> , 2000, 14, 236-244.	3.5	33
111	Chapter 13 Trends in speciation analysis for routine and new environmental issues. <i>Comprehensive Analytical Chemistry</i> , 2000, , 451-500.	1.3	1
112	Volatile Metal and Metalloid Species (Pb, Hg, Se) in a European Urban Atmosphere (Bordeaux, France). <i>Environmental Science & Technology</i> , 2000, 34, 27-32.	10.0	45
113	Cryofocusing for on-line metal and metalloid speciation in the environment. <i>Analytical Spectroscopy Library</i> , 1999, 9, 375-406.	0.1	5
114	Sampling and probing volatile metal(loid) species in natural waters by in-situ purge and cryogenic trapping followed by gas chromatography and inductively coupled plasma mass spectrometry (P-CTâ€“GCâ€“ICP/MS). <i>Analytica Chimica Acta</i> , 1998, 377, 241-254.	5.4	93
115	Field determination of volatile selenium species at ultra trace levels in environmental waters by on-line purging, cryofocusing and detection by atomic fluorescence spectroscopy. <i>Journal of Analytical Atomic Spectrometry</i> , 1998, 13, 615-621.	3.0	37
116	Simultaneous Determination of Volatile Metal (Pb, Hg, Sn, In, Ga) and Nonmetal Species (Se, P, As) in Different Atmospheres by Cryofocusing and Detection by ICPMS. <i>Analytical Chemistry</i> , 1998, 70, 2639-2645.	6.5	101